

PATENT APPLICATION

**10/531690**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Piotr KULA et al.

Application No.: New U.S. National Stage of  
PCT/PL2003/000066

Filed: April 15, 2005

Docket No.: 122083

For: HYDROCARBON GAS MIXTURE FOR THE UNDER-PRESSURE CARBURIZING  
STEEL

**TRANSMITTAL OF POWER OF ATTORNEY AND  
STATEMENT UNDER 37 CFR § 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Power of Attorney from the Assignees.

In compliance with 37 CFR §3.73(b), the undersigned hereby states that  
SECO/WARWICK SP.ZO.O and POLITECHNIKA LODZKA are together the assignees of the  
entire right, title and interest in the patent application identified above by virtue of an assignment  
from the inventor(s) of the patent application identified above. A copy of the assignment is  
attached hereto.

The undersigned is authorized to act on behalf of the assignee.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD  
BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944, TELEPHONE  
(703) 836-6400.**

Respectfully submitted,



Thomas J. Pardini  
Registration No. 30,411

TJP/emt

Date: April 15, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GENERAL POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Owner Name: SECO/WARWICK CORPORATION

hereby appoints the patent practitioners associated with Oliff & Berridge, PLC Customer No. 25944 as attorneys of record to prosecute any and all patents and patent applications in which this General Power of Attorney is filed, and all continuations and divisions thereof, owned in whole or in part by the above-named owner, and to transact all business in the Patent and Trademark Office.

The undersigned is authorized to execute this document as or on behalf of the owner.

**ALL CORRESPONDENCE SHOULD BE SENT TO OLIFF & BERRIDGE, PLC,  
CUSTOMER NO. 25944, TELEPHONE (703) 836-6400.**

31 Aug 2004  
Date

  
Signature

Typed Name: Paul L. Huber

Title: President and CEO  
(if acting on behalf of an Owner)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**GENERAL POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Owner Name: POLITECHNIKA ŁÓDZKA

hereby appoints the patent practitioners associated with Oliff & Berridge, PLC Customer No. 25944 as attorneys of record to prosecute any and all patents and patent applications in which this General Power of Attorney is filed, and all continuations and divisions thereof, owned in whole or in part by the above-named owner, and to transact all business in the Patent and Trademark Office.

The undersigned is authorized to execute this document as or on behalf of the owner.

**ALL CORRESPONDENCE SHOULD BE SENT TO OLIFF & BERRIDGE, PLC,**  
**CUSTOMER NO. 25944, TELEPHONE (703) 836-6400.**

12.01.2005

Date

P. Kula

Signature

Typed Name: PIOTR KULA

Title: PROFESSOR

(if acting on behalf of an Owner)

**DECLARATION UNDER 35 USC §371(c)(4) FOR  
PCT APPLICATION FOR UNITED STATES PATENT**

**10/531690**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, namely the invention entitled: HYDROCARBON GAS MIXTURE FOR THE UNDER-PRESSURE CARBURIZING OF STEEL

described and claimed in international application number PCT/PL2003/000066 filed July 2, 2003.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed by me or my legal representatives or assigns within one year prior to my international application are hereby claimed:

Polish Patent Application No. 356754 filed October 21, 2002

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to my international application, or (b) before the filing date of the above-named foreign priority application(s):

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NUMBER 25944, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1 **Typewritten Full Name  
of Sole or First Inventor:**

Piotr KULA  
Given Name Middle Initial Family Name

2 **Inventor's Signature:**

Piotr Kula

3 **Date of Signature:**

01 12 2005  
Month Day Year

Residence: Lodz PLX POLAND  
City State or Province Country

Citizenship: Poland

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**Note to Inventor:** Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

Rec'd PCT/PTO 15 APR 2005

10/531690

1 **Typewritten Full Name of Joint Inventor:** 2-00 Jozef OLEJNIK  
 Given Name Middle Initial Family Name  
 2 **Inventor's Signature:** [Signature]  
 3 **Date of Signature:** 01 21 2005  
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 Residence: Swiebodzin PLX POLAND  
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1 **Typewritten Full Name of Joint Inventor:** 3-00 Paul HEILMAN  
 Given Name Middle Initial Family Name  
 2 **Inventor's Signature:** [Signature]  
 3 **Date of Signature:** 01 01 05  
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 City State or Province Country  
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1 **Typewritten Full Name of Joint Inventor:** \_\_\_\_\_  
 Given Name Middle Initial Family Name  
 2 **Inventor's Signature:** \_\_\_\_\_  
 3 **Date of Signature:** \_\_\_\_\_  
 Month Day Year  
 Residence: \_\_\_\_\_  
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1 **Typewritten Full Name of Joint Inventor:** \_\_\_\_\_  
 Given Name Middle Initial Family Name  
 2 **Inventor's Signature:** \_\_\_\_\_  
 3 **Date of Signature:** \_\_\_\_\_  
 Month Day Year  
 Residence: \_\_\_\_\_  
 City State or Province Country  
 Citizenship: \_\_\_\_\_  
 Post Office Address: \_\_\_\_\_  
 (Insert complete mailing address, including country) \_\_\_\_\_

**Note to Inventor:** Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

**This form may be executed only when attached to the first page of the Declaration and Power of Attorney of the application to which it pertains.**